

What is claimed is:

1. A device for determining at least one parameter, in particular a volume flow rate, of a medium flowing in a duct (5), in particular in the intake air of an internal combustion engine, an inner pipe (17) being at least partially situated in the duct (5), and at least one plug sensor (3) which contains at least one measuring element (33) for determining at least one parameter of the flowing medium being present in the inner pipe (17),
wherein an element (11) which reduces the whirl formation in the flowing medium is situated in the area of an inlet opening (21) of the inner pipe (17).

2. The device according to Claim 1,
wherein the inner pipe (17) is at least partially secured in the duct (5) by a barrel ring (13), and an inner incident-flow edge (27) of the barrel ring (13) is approximately at the same axial length as the outer incident-flow edge (25) of the inner pipe (17), forming an element (11) which reduces the whirl formation in the flowing medium.

3. The device according to Claim 1 or 2,
wherein the inner pipe (17) has an inlet opening (21), and the duct (5) has a flow straightener (9) at approximately the same axial length of the inlet opening (21).

4. The device according to Claim 3,
wherein the barrel ring (13) is coupled to the flow straightener (9).

5. The device according to one or more of Claims 1 to 3,
wherein the inner pipe (17) has an inlet opening (21), and the inner pipe (17) has a diverting screen (9) in the area of the inlet opening (21).